



06/18/2007

ECC

63 Herb Hill Road  
Glen Cove, NY 11542

**STL Edison**

777 New Durham Road  
Edison, NJ 08817

Tel 732 549 3900 Fax 732 549 3679  
www.stl-inc.com

Attention: Mr. Theodore Johnson

**Laboratory Results**  
**Job No. G856 - Li Tungsten**

Dear Mr. Johnson:

Enclosed are the results you requested for the following sample(s) received at our laboratory on May 26, 2007.

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
833308	5601-FSS-PC-1010	As Pb
833309	5601-FSS-PC-1011	As Pb
833310	5601-FSS-PC-1012	As Pb
833311	5601-FSS-PC-1013	As Pb
833312	5601-FSS-PC-1015	As Pb
833313	5601-FSS-PC-1016	As Pb
833314	5601-FSS-PC-1017	As Pb
833315	5601-FSS-PC-1018	As Pb
833316	5601-FSS-PC-1019	As Pb
833317	5601-FSS-PC-1022	As Pb
833318	5601-FSS-PC-1023	As



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**Laboratory Results**  
**Job No. G856 - Li Tungsten (cont'd)**

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
		Pb
833319	5601-FSS-PC-1024	As
		Pb
833320	5601-FSS-PC-1029	As
		Pb
833321	5601-FSS-PC-1030	As
		Pb
833322	5601-FSS-PC-1037	As
		Pb
833323	5601-FSS-PC-1038	As
		Pb
833324	5601-FSS-PC-1040	As
		Pb
833325	5601-FSS-PC-1041	As



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**Laboratory Results**  
**Job No. G856 - Li Tungsten (cont'd)**

Lab No.

Client ID

Analysis Required

Pb

This report is not to be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Michael Legg  
Project Manager

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## **Analytical Results Summary**

Client ID: 5601-FSS-PC-1010  
Site: Li Tungsten

Lab Sample No: 833308  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 23.8

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	3.8	1.2		P
Lead	51.7	0.71		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1011  
Site: Li Tungsten

Lab Sample No: 833309  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 3.4

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	8.5	0.97		P
Lead	21.4	0.56		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1012  
Site: Li Tungsten

Lab Sample No: 833310  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 25.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	47.0	1.3		P
Lead	9.3	0.73		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1013  
Site: Li Tungsten

Lab Sample No: 833311  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 14.8

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	12.0	1.1		P
Lead	14.7	0.63		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1015  
Site: Li Tungsten

Lab Sample No: 833312  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 18.7

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg <u>(Dry Weight)</u>	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	2.0	1.2		P
Lead	16.2	0.66		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1016  
Site: Li Tungsten

Lab Sample No: 833313  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 37.0

# METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	2.4	1.5		P
Lead	29.4	0.86		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1017  
Site: Li Tungsten

Lab Sample No: 833314  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 24.8

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	3.6	1.2		P
Lead	23.5	0.72		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1018  
Site: Li Tungsten

Lab Sample No: 833315  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 9.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	2.7	1.0		P
Lead	7.0	0.60		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1019  
Site: Li Tungsten

Lab Sample No: 833316  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 10.3

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	1.2	1.0		P
Lead	14.4	0.60		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1022  
Site: Li Tungsten

Lab Sample No: 833317  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 45.6

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg <u>(Dry Weight)</u>	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	13.2	1.7		P
Lead	277	0.99		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1023  
Site: Li Tungsten

Lab Sample No: 833318  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 43.7

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	7.3	1.7		P
Lead	92.5	0.96		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1024  
Site: Li Tungsten

Lab Sample No: 833319  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 23.4

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	5.2	1.2		P
Lead	50.5	0.70		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1029  
Site: Li Tungsten

Lab Sample No: 833320  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 36.3

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	22.9	1.5		P
Lead	135	0.85		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1030  
Site: Li Tungsten

Lab Sample No: 833321  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 17.0

# METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	4.9	1.1		P
Lead	36.0	0.65		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1037  
Site: Li Tungsten

Lab Sample No: 833322  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 15.1

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	18.3	1.1		P
Lead	18.0	0.64		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1038  
Site: Li Tungsten

Lab Sample No: 833323  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 39.9

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	26.6	1.6		P
Lead	141	0.90		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1040  
Site: Li Tungsten

Lab Sample No: 833324  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 19.3

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	3.1	1.2		P
Lead	24.0	0.67		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1041  
Site: Li Tungsten

Lab Sample No: 833325  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 17.7

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	26.1	1.1		P
Lead	20.3	0.66		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

## **General Information**

Chain of Custody

# Environmental Chemical Corporation

1746 Cole Blvd.  
Bldg. 21, Suite 350  
Lakewood, CO 80401  
Phone: (303) 298-7607  
Fax: (303) 298-7837



Customer Name: ECC - LJ Tungsten  
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Contact: Theodore Johnson  
Phone: (303) 472 - 8834  
Fax: (516) 665- 8531

COC Number:

ECC Project Manager: Phil O'Dwyer  
Address: 63 Herb Hill Road, Glen Cove, NY 11542  
Phone: (614) 402 - 2020  
Customer Project Name: LJ Tungsten

Job # G856

SAMPLE NUMBER	DATE	TIME	TYPE	CLIENT SAMPLE IDENTIFIER	TESTS	CONTAINER(S)	MATRIX
5601 - FSS-PC-1010	5/25/2007	11:40	FSS	833308 Parcel C	Total Lead & Arsenic	1 glass jar	Soil
5601 - FSS-PC-1011	5/25/2007	11:20	FSS	309 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1012	5/25/2007	10:50	FSS	310 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1013	5/25/2007	11:16	FSS	311 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1015	5/25/2007	11:35	FSS	312 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1016	5/25/2007	11:30	FSS	313 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1017	5/25/2007	11:30	FSS	314 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1018	5/25/2007	11:40	FSS	315 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1019	5/25/2007	10:30	FSS	316 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1022	5/25/2007	11:20	FSS	317 Parcel C		1 glass jar	Soil
5601 - FSS-PC-1023	5/25/2007	12:20	FSS	318 Parcel C		1 glass jar	Soil

Notes:

Ship to: Severn Trent Laboratory, EDISON  
77 New Durham Road, Suite 7, Edison, New Jersey, 08817  
Phone: 732-549-3900

Request Turnaround Time: 3 Day

Samples cooled below 4 C

Laboratory Receipt Information

Cooler/Container Intact? Yes No  
Samples Received At Below 4 C? Yes No  
Samples Containers Intact? Yes No  
Cooler/Container Custody Seal? Yes No

## CUSTODY TRANSFER RECORD

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Print: T Johnson Sign: <i>TJH</i>	ECC	5/25/2007	13:00	Print:			
Print:	Fedex	5/26/07		Print: <i>Goan V.</i>	STC	5/26/07	11:05
Print:				Print:			

# Environmental Chemical Corporation

1746 Cole Blvd.  
Bldg. 21, Suite 350  
Lakewood, CO 80401  
Phone: (303) 298-7607  
Fax: (303) 298-7837



Customer Name: ECC - Li Tungsten

Address: 63 Herb Hill Road, Glen Cove, NY 11542

Contact: Theodore Johnson  
Phone: (303) 472-8834  
Fax: (516) 665-8531

COC Number:

ECC Project Manager: Phil O'Dwyer  
Address: 63 Herb Hill Road, Glen Cove, NY 11542  
Phone: (614) 402-2020  
Customer Project Name: Li Tungsten

Job # 6856

SAMPLE NUMBER	DATE	TIME	TYPE	CLIENT SAMPLE IDENTIFIER	TESTS	CONTAINER(S)	MATRIX
601-FSS-PC-1024	5/25/2007	10:35	FSS	8333/9 Parcel C		1 glass jar	Soil
601-FSS-PC-1029	5/25/2007	10:55	FSS	320 Parcel C		1 glass jar	Soil
601-FSS-PC-1030	5/25/2007	11:55	FSS	321 Parcel C		1 glass jar	Soil
601-FSS-PC-1037	5/25/2007	11:16	FSS	322 Parcel C	Total Lead & Arsenic	1 glass jar	Soil
601-FSS-PC-1038	5/25/2007	10:55	FSS	323 Parcel C		1 glass jar	Soil
601-FSS-PC-1040	5/25/2007	11:00	FSS	324 Parcel C		1 glass jar	Soil
601-FSS-PC-1041	5/25/2007	11:16	FSS	325 Parcel C		1 glass jar	Soil
A							
A							
A							
A							

Notes:

Ship to: Severn Trent Laboratory, EDISON  
7 New Durham Road, Suite 7, Edison, New Jersey, 08817  
Phone: 732-549-3900  
Request Turnaround Time: 3 Day

Samples cooled below 4 C

Laboratory Receipt Information  
Cooler/Container Intact? Yes No  
Samples Received At Below 4 C? Yes No  
Samples Containers Intact? Yes No  
Cooler/Container Custody Seal? Yes No

## CUSTODY TRANSFER RECORD

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Phil T. Johnson Sign: <i>[Signature]</i>	ECC	5/25/2007	13:00	Print:			
Print: Fed ex		5/26/07	11:05	Print: Gerson V.	STZ	5/26/07	11:05
Print:				Print:			

## Laboratory Chronicles

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833308

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
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STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833309

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
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777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833310

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833311

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833312

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
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**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833313

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833314

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833315

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833316

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833317

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833318

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833319

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833320

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833321

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833322

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833323

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833324

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<u>Analytic Parameter</u>	<u>Preparation Date</u>	<u>Technician's Name</u>	<u>Analysis Date</u>	<u>Analyst's Name</u>	<u>QA Batch</u>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

777 New Durham Road, Edison, New Jersey  
08817

**Job No:** G856

**Site:** Li Tungsten

**Client:** ECC

**Date Sampled:** 5/25/2007

**Sample No.:** 833325

**Date Received:** 5/26/2007

**Matrix:** SOLID

**METALS**

<b>Analytic Parameter</b>	<b>Preparation Date</b>	<b>Technician's Name</b>	<b>Analysis Date</b>	<b>Analyst's Name</b>	<b>QA Batch</b>
<u>ARSENIC</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u>LEAD</u>	<u>5/30/2007</u>	<u>Sanagavarapu, Suguna</u>	<u>5/30/2007</u>	<u>Polidori, Michael</u>	<u>22673</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

## Methodology Review

## Analytical Methodology Summary

### Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

### Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

### GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

### Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

### Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

#### Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

<u>Element</u>	<u>Water Test Method Furnace</u>	<u>Solid Test Method Furnace</u>
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

#### Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

#### Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

#### Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

#### Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

#### Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

- Ignitability - Method 1020A
- Corrosivity - Water pH Method 9040B  
Soil pH Method 9045C
- Reactivity - Chapter 7, Section 7.3.3 and 7.3.4  
respectively for hydrogen cyanide and  
hydrogen sulfide release
- Toxicity - TCLP Method 1311

#### Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

## Data Reporting Qualifiers

#### ORGANIC DATA REPORTING QUALIFIERS

- ND - The compound was not detected at the indicated concentration.
- J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than or equal to the method detection limit. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
- \* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

#### INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

- ND/U - The compound was not detected at the indicated concentration.
- B - Reported value is less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.
- E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.
- M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.
- N - The spiked sample recovery is not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- \* - Duplicate Analysis is not within control limits.
- W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.
- + - Correlation coefficient for MSA is less than 0.995.

#### M Column - Method Qualifiers

- P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).
- A - Flame Atomic Absorption Spectroscopy (FAA).
- F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).
- CV - Cold Vapor Atomic Absorption Spectroscopy.

## Non-Conformance Summary



## Nonconformance Summary

STL Edison Job Number: G856

Client: ECC

Date: 6/13/2007

### Sample Receipt:

Sample delivery conforms with requirements.

### Metals:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

A handwritten signature in black ink, appearing to read "ML Legg".

Michael Legg  
Project Manager

## **Metals Forms and Data**

Analytical Results Summary

Client ID: 5601-FSS-PC-1010  
Site: Li Tungsten

Lab Sample No: 833308  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 23.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	3.8	1.2		P
Lead	51.7	0.71		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1011  
Site: Li Tungsten

Lab Sample No: 833309  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 3.4

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	8.5	0.97		P
Lead	21.4	0.56		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1012  
Site: Li Tungsten

Lab Sample No: 833310  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 25.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	47.0	1.3		P
Lead	9.3	0.73		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1013  
Site: Li Tungsten

Lab Sample No: 833311  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 14.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	12.0	1.1		P
Lead	14.7	0.63		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1015  
Site: Li Tungsten

Lab Sample No: 833312  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 18.7

# METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	2.0	1.2		P
Lead	16.2	0.66		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1016  
Site: Li Tungsten

Lab Sample No: 833313  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 37.0

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg <u>(Dry Weight)</u>	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	2.4	1.5		P
Lead	29.4	0.86		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1017  
Site: Li Tungsten

Lab Sample No: 833314  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 24.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	3.6	1.2		P
Lead	23.5	0.72		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1018  
Site: Li Tungsten

Lab Sample No: 833315  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 9.8

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	2.7	1.0		P
Lead	7.0	0.60		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1019  
Site: Li Tungsten

Lab Sample No: 833316  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 10.3

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	1.2	1.0		P
Lead	14.4	0.60		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1022  
Site: Li Tungsten

Lab Sample No: 833317  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 45.6

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	13.2	1.7		P
Lead	277	0.99		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1023  
Site: Li Tungsten

Lab Sample No: 833318  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 43.7

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	7.3	1.7		P
Lead	92.5	0.96		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1024  
Site: Li Tungsten

Lab Sample No: 833319  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 23.4

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	5.2	1.2		P
Lead	50.5	0.70		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1029  
Site: Li Tungsten

Lab Sample No: 833320  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 36.3

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	22.9	1.5		P
Lead	135	0.85		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1030  
Site: Li Tungsten

Lab Sample No: 833321  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 17.0

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	4.9	1.1		P
Lead	36.0	0.65		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1037  
Site: Li Tungsten

Lab Sample No: 833322  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 15.1

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	18.3	1.1		P
Lead	18.0	0.64		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1038  
Site: Li Tungsten

Lab Sample No: 833323  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 39.9

**METALS ANALYSIS**

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	26.6	1.6		P
Lead	141	0.90		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1040  
Site: Li Tungsten

Lab Sample No: 833324  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 19.3

#### METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg <u>(Dry Weight)</u>	Instrument Detection <u>Limit</u>	<u>Qual</u>	<u>M</u>
Arsenic	3.1	1.2		P
Lead	24.0	0.67		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

Client ID: 5601-FSS-PC-1041  
Site: Li Tungsten

Lab Sample No: 833325  
Lab Job No: G856

Date Sampled: 05/25/07  
Date Received: 05/26/07

Matrix: SOLID  
Level: LOW  
% Moisture: 17.7

# METALS ANALYSIS

<u>Analyte</u>	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	<u>Qual</u>	<u>M</u>
Arsenic	26.1	1.1		P
Lead	20.3	0.66		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)  
M Column - Method Code (See Section 2 of Report)

# BLANKS

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_ Lab Job No.: \_G856

Batch No.: 22673\_

Preparation Blank Matrix (soil/water): SOIL\_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum											NR
Antimony											NR
Arsenic	4.7	U	4.7	U	4.7	U			0.470	U	P
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead	2.7	U	2.7	U	2.7	U			0.270	U	P
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenum											NR

## Blank Results Summary

# BLANKS

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

Preparation Blank Matrix (soil/water): \_\_\_\_\_

Preparation Blank Concentration Units (ug/L or mg/kg): \_\_\_\_\_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Prepa- ration Blank	C	M
			1	C	2	C	3	C			
Aluminum											NR
Antimony											NR
Arsenic			4.7	U	4.7	U	4.7	U			P
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead			2.7	U	3.0	B	2.7	U			P
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Molybdenum											NR

# INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_      Lab Job No.: G856      Batch No.: 22673\_

Initial Calibration Source:      INORG VENT\_\_

Continuing Calibration Source:      INORG VENT\_\_

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									NR
Antimony									NR
Arsenic	5000.0	4971.36	99.4	5000.0	5006.36	100.1	5043.22	100.9	P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead	10000.0	10122.82	101.2	10000.0	10177.29	101.8	10306.39	103.1	P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenum									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

## Calibration Summary

# INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_      Lab Job No.: G856      Batch No.: 22673\_

Initial Calibration Source:      INORG VENT\_\_

Continuing Calibration Source:      INORG VENT\_\_

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									NR
Antimony									NR
Arsenic				5000.0	5015.08	100.3	5128.62	102.6	P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead				10000.0	10180.81	101.8	10422.68	104.2	P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenum									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

# INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_

Lab Job No.: G856

Batch No.: 22673\_

Initial Calibration Source: INORG VENT\_\_

Continuing Calibration Source: INORG VENT\_\_

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									NR
Antimony									NR
Arsenic				5000.0	5198.59	104.0			P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead				10000.0	10619.93	106.2			P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenum									NR

(1) Control Limits: Mercury 80-120; ICP Metals 90-110; Furnace AA Metals 80-120

ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

ICP ID Number: TRACE1 TJA61

ICS Source: INORG VENT\_\_

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	500000	500000	483486	492203.9	98.4	474031	495748.7	99.1
Antimony		100		95.7	95.7		87.0	87.0
Arsenic		100		93.6	93.6		104.8	104.8
Barium		100		106.9	106.9		108.0	108.0
Beryllium		100		99.1	99.1		100.5	100.5
Cadmium		100		96.0	96.0		99.6	99.6
Calcium	500000	500000	485290	484830.4	97.0	472770	495368.1	99.1
Chromium		100		97.8	97.8		98.8	98.8
Cobalt		100		96.7	96.7		99.0	99.0
Copper		100		100.6	100.6		100.4	100.4
Iron	200000	200000	199814	200775.6	100.4	194214	203397.1	101.7
Lead		100		97.8	97.8		98.1	98.1
Magnesium	500000	500000	520086	524011.1	104.8	505969	529129.9	105.8
Manganese		100		97.3	97.3		97.3	97.3
Mercury								
Nickel		100		99.5	99.5		100.3	100.3
Potassium								
Selenium		100		102.1	102.1		102.9	102.9
Silver		100		103.9	103.9		103.7	103.7
Sodium								
Thallium		100		97.3	97.3		104.2	104.2
Vanadium		100		95.6	95.6		97.9	97.9
Zinc		100		97.6	97.6		99.5	99.5

## ICP Interference Check Results Summary

## ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

ICP ID Number: TRACE1 TJA61

ICS Source: INORG VENT\_\_

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum	500000	500000				507300	508551.8	101.7
Antimony		100					105.2	105.2
Arsenic		100					102.3	102.3
Barium		100					114.1	114.1
Beryllium		100					102.7	102.7
Cadmium		100					102.0	102.0
Calcium	500000	500000				512176	506506.2	101.3
Chromium		100					102.6	102.6
Cobalt		100					102.1	102.1
Copper		100					103.9	103.9
Iron	200000	200000				207892	206429.4	103.2
Lead		100					104.4	104.4
Magnesium	500000	500000				540096	536031.9	107.2
Manganese		100					97.0	97.0
Mercury								
Nickel		100					103.0	103.0
Potassium								
Selenium		100					104.3	104.3
Silver		100					106.4	106.4
Sodium								
Thallium		100					102.3	102.3
Vanadium		100					104.0	104.0
Zinc		100					102.3	102.3

## ICP INTERFERENCE CHECK SAMPLE

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_ Lab Job No.: G856 Batch No.: 22673\_

ICP ID Number: TRACE1 TJA61 ICS Source: INORG VENT\_\_

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Aluminum								
Antimony								
Arsenic		100		102.3	102.3			
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead		100		104.4	104.4			
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

LAB SAMPLE NO.

## SPIKE SAMPLE RECOVERY

BSS053007

Lab Name: STL\_EDISON

Lab Code: 12028 Lab Job No.: G856

Batch No.: 22673

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic	75-125	196.6345		0.4700	U	200.00	98.3		P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead	75-125	52.0079		0.2700	U	50.00	104.0		P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenum									NR

Comments:

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## Spike Sample Recovery Summary

LAB SAMPLE NO.

## SPIKE SAMPLE RECOVERY

833315MS

Lab Name: STL\_EDISON

Lab Code: 12028 Lab Job No.: G856

Batch No.: 22673

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 90.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony							NR
Arsenic	75-125	216.5259	2.6539	221.73	96.5		P
Barium							NR
Beryllium							NR
Cadmium							NR
Calcium							NR
Chromium							NR
Cobalt							NR
Copper							NR
Iron							NR
Lead	75-125	63.9521	6.9840	55.43	102.8		P
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel							NR
Potassium							NR
Selenium							NR
Silver							NR
Sodium							NR
Thallium							NR
Vanadium							NR
Zinc							NR
Molybdenum							NR

Comments:

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LAB SAMPLE NO.

## DUPLICATES

LCSSD055-D

Lab Name: STL\_EDISON

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

Matrix (soil/water): SOIL\_

Level (low/med): LOW\_

% Solids for Sample: 100.0

% Solids for Duplicate: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic		81.3752		85.5344		5.0		P
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead		85.5540		87.8642		2.7		P
Magnesium								NR
Manganese								NR
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenum								NR

## Sample and MS Duplicate Results Summary

LAB SAMPLE NO.

## DUPLICATES

833315D

Lab Name: STL\_EDISON

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

Matrix (soil/water): SOIL\_

Level (low/med): LOW\_

% Solids for Sample: 90.2

% Solids for Duplicate: 90.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	M
Aluminum						NR
Antimony						NR
Arsenic	0.6	2.6539	2.9610	10.9		P
Barium						NR
Beryllium						NR
Cadmium						NR
Calcium						NR
Chromium						NR
Cobalt						NR
Copper						NR
Iron						NR
Lead		6.9840	7.4080	5.9		P
Magnesium						NR
Manganese						NR
Mercury						NR
Nickel						NR
Potassium						NR
Selenium						NR
Silver						NR
Sodium						NR
Thallium						NR
Vanadium						NR
Zinc						NR
Molybdenum						NR

LABORATORY CONTROL SAMPLE

Lab Name: STL\_EDISON\_\_\_\_\_

Lab Code: 12028\_      Lab Job No.: G856      Batch No.: 22673\_

Solid LCS Source: ERA D055\_\_\_\_\_

Aqueous LCS Source: \_\_\_\_\_

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum								
Antimony								
Arsenic				88.8	81.4		71.8    106.0	91.7
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead				88.9	85.6		72.7    105.0	96.3
Magnesium								
Manganese								
Mercury								
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								
Molybdenum								

## Laboratory Control Samples Results Summary

LAB SAMPLE NO.

## ICP SERIAL DILUTION

833315L

Lab Name: STL\_EDISON

Lab Code: 12028\_ Lab Job No.: G856

Batch No.: 22673\_

Matrix (soil/water): SOIL\_

Level (low/med): LOW\_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum							NR
Antimony							NR
Arsenic	11.97		23.50	U	100.0		P
Barium							NR
Beryllium							NR
Cadmium							NR
Calcium							NR
Chromium							NR
Cobalt							NR
Copper							NR
Iron							NR
Lead	31.50		28.30		10.2		P
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel							NR
Potassium							NR
Selenium							NR
Silver							NR
Sodium							NR
Thallium							NR
Vanadium							NR
Zinc							NR

## ANALYSIS RUN LOG

Lab Name: STL\_EDISON\_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: 12028\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: 22673\_

Instrument ID Number: TRACE1 TJA61\_

Method: P\_

Start Date: 05/30/07

End Date: 05/30/07

Lab Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	M O
1CAL-BLK	1.00	1207		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T1CAL1	1.00	1212		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T1CAL2	1.00	1217		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T1CAL3	1.00	1223		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1228																X		X	X		X	X	X	X	
ICV/CCV	1.00	1233				X								X													
ICB/CCB	1.00	1238				X								X													
ICSA	1.00	1244				X								X													
ICSAB	1.00	1249				X								X													
ZZZZZZ	1.00	1254												X													
ZZZZZZ	1.00	1259																									
ZZZZZZ	1.00	1304																									
ZZZZZZ	1.00	1310																									
ZZZZZZ	1.00	1315																									
ZZZZZZ	5.00	1320																									
ZZZZZZ	5.00	1325																									
ZZZZZZ	5.00	1331																									
CCV	1.00	1336				X								X													
CCB	1.00	1341				X								X													
ZZZZZZ	5.00	1346																									
ZZZZZZ	5.00	1352																									
ZZZZZZ	5.00	1357																									
ZZZZZZ	5.00	1402																									
ZZZZZZ	5.00	1407																									
ZZZZZZ	5.00	1412																									
ZZZZZZ	5.00	1418																									
ZZZZZZ	5.00	1423																									
ICSA	1.00	1428				X								X													
ICSAB	1.00	1433				X								X													
CCV	1.00	1439				X								X													
CCB	1.00	1444				X								X													

## Analysis Run Log

## ANALYSIS RUN LOG

Lab Name: STL\_EDISON\_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: 12028\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: 22673\_

Instrument ID Number: TRACE1 TJA61\_

Method: P\_

Start Date: 05/30/07

End Date: 05/30/07

Lab Sample No.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S A	A G	N A	T L	V A	Z N	M O
SS053007	1.00	1525				X								X													
BS053007	1.00	1530				X								X													
LCSSD055	2.00	1536				X								X													
SSD055-D	2.00	1541				X								X													
833315D	2.00	1546				X								X													
833315	2.00	1552				X								X													
833315L	2.00	1557				X								X													
833315MS	2.00	1603				X								X													
ZZZZZZ	2.00	1608																									
833308	2.00	1614				X								X													
CCV	1.00	1619				X								X													
CCB	1.00	1624				X								X													
833309	2.00	1630				X								X													
833310	2.00	1635				X								X													
833311	2.00	1641				X								X													
833312	2.00	1646				X								X													
833313	2.00	1651				X								X													
833314	2.00	1657				X								X													
833316	2.00	1702				X								X													
833317	2.00	1708				X								X													
833318	2.00	1713				X								X													
833319	2.00	1718				X								X													
CCV	1.00	1724				X								X													
CCB	1.00	1729				X								X													
833320	2.00	1735				X								X													
833321	2.00	1740				X								X													
833322	2.00	1746				X								X													
833323	2.00	1751				X								X													
833324	2.00	1756				X								X													
833325	2.00	1802				X								X													
ICSA	1.00	1807				X								X													
ICSAB	1.00	1813				X								X													

## ANALYSIS RUN LOG

Lab Name: STL\_EDISON

Contract: \_\_\_\_\_

Lab Code: 12028\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: 22673

Instrument ID Number: TRACE1 TJA61

Method: P\_

Start Date: 05/30/07

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